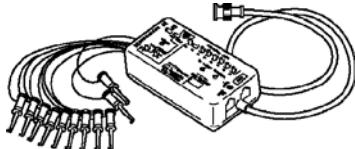


Logic Scope Probe



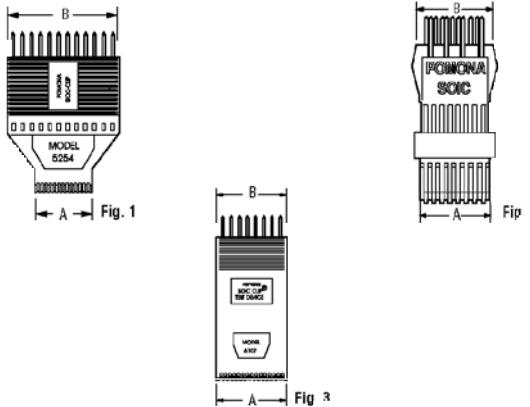
- 3 Mode Operation: Logic Analyzer, Trigger Probe, Multiplexer
- 20 MHz Bandwidth Covers Most Microcontroller Frequencies
- 8 nS Minimum Data Set-Up and Data Hold-Time
- 100 kΩ/5 pF Input Impedance
- Minimum/Maximum Input Levels 0.8-2.4 V (Low/High), -0.5-5.5 V (Low/High)
- 800 kHz Internal Clock Frequency
- 4.75-7 V With 190 mA Maximum Supply Current
- Includes 11 Test Leads With Micrograbbler® Test Clip (Eight Gray Signal Leads, One Yellow Clock Lead, One Red Power Lead and A Black Ground Lead)

Turns your analog oscilloscope into a logic analyzer. Ideal as a cost effective solution to examine and analyze single-shot and repetitive digital phenomena. 8 channel reading capability lets you use one unit independently or daisy chain up to three units for 16 or 24 channels.

885-6004. Model 6004. EACH 385.00

Temperature Probes

SOIC Clip® Test Adapters



Test clips have a spring design similar to Pomona's DIP clip test adapter. The clip design allows testing of wide or narrow body chips and smaller size PLCC. **Upper:** 0.025" square pins, gold plated phosphor bronze. **Lower:** Contacts, gold plated beryllium copper. **Insulation:** Glass filled nylon, blue. **Rating:** 500 Vrms, 1 amp, +102°C max.

Stock No.	Mfr.'s Type	Fig.	No. of Leads	Lower Width (A)	Body Widths	Top Width (B)	Typical Applications	EACH
885-5301	5250	1	8	0.260	0.15"-0.30"	0.430	Analog Devices AD834JR, Tricuit TQ9122N	8.00
885-5300	5251	1	14	0.410	0.15"-0.30"	0.755	Motorola HCT08A, Philips 74HC125	8.75
885-5513	5413	2	14	0.410	0.15"	0.520	Harris HFS43280, Goldstar GM76C256	11.35
885-5305	5252	1	16	0.460	0.15"-0.30"	0.830	Maxim MAX791, Microlinear ML6509, AMD 26LS31	9.50
885-5302	5253	1	20	0.560	0.15"-0.30"	1.030	Linear Tech LT1130, Maxim MX7226, Motorola HCT373A	10.95
885-5303	5254	1	24	0.660	0.15"-0.30"	1.230	Altera EP610APG, Linear Tech LT1130, Motorola MC22V10S	15.95
885-5304	5437	1	28	0.760	0.15"-0.30"	1.430	Texas Inst. SN74F32D, Altera EPM5032, Raytheon TMC1171	19.50
885-6507	6107	3	32	0.870	0.30"-0.60"	0.870	Toshiba TMPN3120, Hitachi HM628128, NEC D43100AGW	28.00
885-6508	6108	3	40	1.070	0.30"-0.60"	1.070	—	31.00
885-6509	6109	3	44	1.170	0.30"-0.60"	1.170	—	33.00

SOIC Clip® Test Adapter Kit

Kit Contains 6 Sizes of SOIC Clips: 8, 14, 16, 20, 24 and 28 pin, housed in a protective case.

885-5514, 5514. EACH 65.00

Extended Length Probe

Model 6371, 12" general-purpose probe. Attaches to mini-connector extension cable (Model 6379 below). Temperature Range: -40°F to 2000°F (-40°C to 1093°C). K-type.

885-6371, 6371. EACH 47.00

Mini-Connector Extension Cable

Model 6379. Extended temperature cable by 4'. K-type connector.

885-6379, 6379. EACH 5.50

JEDEC PQFP Test Clips

Pomona's JEDEC QFP test clips are designed to fit on surface-mounted plastic and ceramic JEDEC chips. Choose from four clip types specifically designed to give you optimum functionality and ease of use for testing, troubleshooting and custom-design evaluation with logic analyzers and oscilloscopes. Ceramic adapters are included with each clip.

The basic JEDEC QFP test clip (Fig. 1) is designed for use on densely-populated boards where space is at a minimum. Leads at the top of the clip are 0.022" x 0.012" and are spaced 0.075" apart. Clip leads can be accessed with special flying leads (not included) or with Pomona Micrograbbler® clips.

Pomona's most popular JEDEC QFP test clip (Fig. 2) features a large board with 0.025" pins at 0.100" x 0.100" spacing for easy connection to logic analyzers and oscilloscopes. The board is elevated to avoid other board components near the target chip.

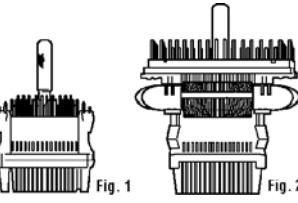
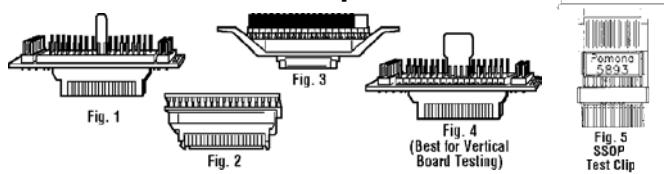


Fig. 1

Fig. 2

\*Dimensions in mm except where noted.

Metric QFP and SSOP Test Clips



Pomona's metric QFP test clips are uniquely designed to provide innovative solutions for testing surface-mounted metric QFP chips and evaluating custom circuit designs.

Stock No.	Mfr.'s Type	Fig.	No. of Leads	Body Size*	Lead Pitch*	Nom. Height*	Critical Dim. <sup>†</sup>	Typical Applications	EACH
885-6324	5751	1	80	14 x 20	0.800	3.4	16.3 x 22.3	Intel 80C186XL, Cirrus Logic CL-SH260, Adaptec AIC-6360Q	205.00
885-6325	5751L	4	132	0.95 x 0.95	0.025"	—	—	—	230.00
885-6328	5867-2	3	80	14 x 14	0.650	3.4	15.6	Intel 80960SA, Hitachi H81350	205.00
885-5643	5643	1	100	14 x 20	0.650	3.4	16.3 x 22.3	Xilinx XC4003, Motorola 68EC020F, AT&T 3042, Fujitsu MB66600	225.00
885-6330	5643L	4	100	14 x 20	0.650	3.4	15.6 x 21.6	Altera EPM5130, Xilinx XC3042, Motorola Cold Fire	245.00
885-6331	5643-2	1	100	14 x 20	0.650	3.4	15.6 x 21.6	Altera EPM5130, Xilinx XC3042, CL-SH3620, Xilinx XC3042, Motorola Cold Fire	225.00
885-6332	5643L-2	4	100	14 x 20	0.650	3.4	15.6 x 21.6	—	245.00
885-6550	6150	2	144	14 x 14	0.500	1.2	15.0 x 15.0	—	385.00
885-5664	5644	1	120	28 x 28	0.800	3.4	30.3	AMD AM29C960, Lattice	255.00
885-6337	5772	1	128	28 x 28	0.800	3.4	30.3	Analog Devices PM7224FS	275.00
885-6338	5773	1	144	28 x 28	0.650	3.4	30.3	AMD AM29040, IDT 49C465	285.00
885-6551	6151	3	144	20 x 20	0.500	1.4	21.0	Motorola 68302	465.00
885-5645	5645	1	160	28 x 28	0.650	3.4	30.3	Actel A1280, Emulex FAS256	300.00
885-6341	5645L	4	160	28 x 28	0.650	3.4	30.3	—	325.00
885-6342	5645-2	1	160	28 x 28	0.650	3.4	29.6	Altera EPF8452, Motorola MPC400, MPC403	300.00
885-6343	5645L-2	4	160	28 x 28	0.650	3.4	29.6	—	325.00
885-5774	5774	1	168	28 x 28	0.650	3.4	30.3	AMD AM29205	310.00
885-6344	5774-2	1	168	28 x 28	0.650	3.4	29.6	—	310.00
885-6552	6152	3	176	24 x 24	0.500	1.4	25.0	Intel 486SX	512.00
885-5771	5771	1	184	32 x 32	0.650	3.4	34.3	Toshiba TC85M911F	345.00
885-5770	5770	1	208	28 x 28	0.500	3.4	29.6	Intel 80486DX2E, Motorola MC68HC05, Actel A1480, Altera EPF8636, EPF8620	685.00
885-6346	5770L	4	208	28 x 28	0.500	3.4	29.6	—	770.00
885-6348	5770L-2	4	208	28 x 28	0.500	3.4	29.3	Hitachi HG62G027	770.00
885-6349	5770-3	1	208	28 x 28	0.500	3.4	30.3	PLX Technology PCI9032, IDT 49C466	685.00
885-6353	5968C	2	240	32 x 32	0.500	4.0	33.8	Motorola XC68360 Ceramic	985.00
885-6354	5998A	2	240	32 x 32	0.500	4.0	33.8	Analog Devices ADSP-21060, Altera EPF81188	745.00
885-6355	5998AL	4	240	32 x 32	0.500	4.0	33.8	Xilinx XC4025-MQ240 (Metal Package)	875.00
885-6356	5998A-1	2	240	32 x 32	0.500	3.4	33.8	—	745.00
885-6357	5998AL-1	4	240	32 x 32	0.500	3.4	33.8	—	745.00
885-6360	7048A	2	304	40 x 40	0.500	3.4	41.8	Altera EPF81500, VLSI VP12252-2, LSI L1A9349, NEC D75304GF	830.00
885-6362	7048AL	4	304	40 x 40	0.500	3.4	41.8	—	985.00
885-5893	5893	5	48	0.3"	0.025"	—	—	TI ABT16244, ACT16245	337.00
885-5894	5894	5	56	0.3"	0.025"	—	—	IDT FCT16223, FCT162511	375.00

\*Dimensions in mm except where noted. <sup>†</sup>Measure distance between vertical portions of chip leads from one side of chip to the other (preferably while chip is soldered to board).